

REDUCING THE SIZE OF GENERATED CODE USED
TO CALL COMMON OBJECT MODEL OBJECTS, WHILE
PRESERVING TYPE-CHECKING

Abstract of the Disclosure

Objects of one object model (e.g., a Common Object Model (COM)) are called by programs of another object model (e.g., Java). To facilitate the call, a set of interfaces is generated that corresponds to the interfaces of a COM typelib. The interfaces include enough information to enable type-checking of the generated code to be performed during compilation, but do not include implementations of the interfaces. The implementations are included in a proxy object, which is employed in making the call to the COM object.